| In | dex of | Claims |  |
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| App | licatio | n/Cont | rol No. |
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09/682,934

Examiner

Shefali D. Patel

Applicant(s)/Patent under Reexamination

AVINASH, GOPAL B.

Art Unit

2621

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

| Z | Non-Elected |
|---|-------------|
|   |             |

Interference

Appeal Α o Objected

| Cla       | Claim Date  |  |          |  |  |  |  |  |              |  |
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|           |   |  |          |  | ī  |  | Ī  | Ī  | ı            |  |
| Final     | 11 12 14 15 16 17 (18) 19 20 21 22 23 24 25 26 27 28 29 30 31 | 9/23/05  |          |  |  |  |  |  |              |  |
|           | <b>(1)</b>  | 1  |          | _  | $\neg$   | $\neg$   |  |  | $\dashv$     | $\neg$   |
|           | 2   | <b>√</b>   |          |  |  |  |  |  |              |  |
|           | 3   | 1  |          |  |  |  |  |  |              |  |
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|           | 5   | 1  |          |  |  |  |  |  |              |  |
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| <u></u>   | 7   | 777777   |          |  |  |  |  |  |              | _  |
|           | 8   | 7  |          |  |  |  |  |  |              |  |
|           | 9   | 7  | _        | -  |  |  | Н  |  |              |  |
|           | 100   | 7  |          | _  |  | Н  | $\vdash$   |  | $\dashv$     |  |
|           | 11  | N 1  | _        | -  |  |  |  | _  | -            |  |
|           | 12  | l-   |          |  |  |  |  |  | $\exists$    |  |
|           | 14  | 1  |          |  |  |  | -  |  | -            |  |
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| -         | 16  | 7777   |          |  |  | _  | _  |  |              |  |
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|           | 19  | 1  |          |  |  |  |  |  |              |  |
|           | 20  | 1  |          |  |  |  |  |  |              |  |
|           | 21  |  |          |  |  |  |  |  |              |  |
|           | 22  |  |          |  | L.   | <u> </u>   |  |  |              |  |
| <u> </u>  | 23  |  | L_       |  | _  | L  |  |  |              |  |
|           | 24  |  | _        |  |  |  |  |  |              |  |
| ļ         | 25  | 1  | _        |  | _  | L  | _  | _  | <u> </u>     |  |
| <u> </u>  | 26  | -  |          | -  | ├  | -  |  | -  |              | _  |
| <u> </u>  | 27  | <u> </u>   |          | <u> </u>   | -  | ┝  | -  | -  | -            |  |
|           | 20  |  | -        | -  | $\vdash$   |  | ┝  | ⊢  | $\vdash$     |  |
| -         | 30  | ├  | ┢        | ├  | ┝╌   | -  | $\vdash$   | ┢  | H            | -  |
| <b></b> - | 31  |  |          | -  |  | $\vdash$   | -  |  | $\vdash$     |  |
|           | 32  |  | <u> </u> | <u> </u>   |  | $\vdash$   | $\vdash$   | ┢  | H            | _  |
|           | 33  |  |          |  |  |  |  |  |              |  |
|           | 32<br>33<br>34<br>35  |  |          |  |  |  |  |  |              |  |
|           | 35  |  |          |  |  |  |  |  |              |  |
|           | 36<br>37  |  |          |  |  |  |  |  |              |  |
|           | 37  |  |          | L  |  | _  | _  | Ľ  | ļ            |  |
| <u></u>   | 38<br>39  | <u> </u>   | L        | <u> </u>   |  | L.   | <u> </u>   | <u> </u>   | _            |  |
| <u></u>   | 39  | <b>!</b>   | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   | <b>L</b>   | <u> </u>   | <u> </u>     | <u> </u>   |
| <u></u>   | 40  | <u> </u>   | ऻ—       | Ŀ  | <u> </u>   | <b>—</b>   | <u> </u>   | _  | ļ            | <u> </u>   |
| <u> </u>  | 41  | ├-   | }        | ├  | <u> </u>   | -  | ⊢  | ⊢  | <u> </u>     | ├-   |
|           | 42  | $\vdash$   | $\vdash$ | $\vdash$   | -  | -  | -  | ⊢  | <del> </del> | $\vdash$   |
| -         | 43  | $\vdash$   | ├-       |  | -  | ├  | $\vdash$   | ├  | -            | ├  |
| $\vdash$  | 45  | ╁  | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$     | -  |
| <b></b>   | 46  | $\vdash$   | $\vdash$ | $\vdash$   | ┢  | $\vdash$   |  | $\vdash$   | -            | <del>                                     </del> |
| _         | 47  | <del>                                     </del> | t        | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |  | $\vdash$   |              | $\vdash$   |
| <b>—</b>  | 48  | 1  | 1        | $\vdash$   |  |  | <del>                                     </del> |  | Т            | T  |
| $\vdash$  | 49  | Т  | $\vdash$ | Т  |  | <del>                                     </del> | Т  | Т  | 1            | T  |
|           | 50  | Т  | Т        | T  | Ι  | $\vdash$   | Т  | Т  |              | _  |

| Cla          | im       |  |              |          |              | Date         | _  |  |  |          |
|--------------|----------|--|--------------|----------|--------------|--------------|--|--|--|----------|
| Final        | Original |  |              |          |              |              |  |  |  |          |
| L            |          |  |              |          |              |              |  |  |  |          |
|              | 51       |  |              |          |              |              | $\Box$   | _  |  |          |
|              | 52<br>53 | Н  |              |          | <u> </u>     | _            | $\dashv$   |  |  |          |
| -            | 53       | -  |              |          |              | Н            |  |  |  |          |
| -            | 54       | Н  |              |          |              |              | -  |  |  |          |
| <u> </u>     | 55       |  | _ :          |          | _            | Н            |  |  | _  | _        |
|              | 56       |  | _            | <u> </u> | ⊢            | $\vdash$     |  |  |  |          |
|              | 57       | Н  |              | ├        | <u> </u>     | <u> </u>     | $\vdash$   |  |  |          |
|              | 58       | Н  |              |          | -            |              |  |  | _  |          |
| -            | 59       | Н  |              | -        | <u> </u>     | _            |  |  |  | _        |
| _            | 60<br>61 | H  |              |          | -            |              |  |  |  | -        |
| <u> </u>     | 62       | _  | _            | -        | -            | H            |  |  | -  | _        |
| -            | 62       | -  |              | $\vdash$ | $\vdash$     | -            | -  |  | <u> </u>   | μ-       |
|              | 63       | $\vdash$   |              | -        | <del> </del> | $\vdash$     | -  | $\vdash$   | <u> </u>   | _        |
| <u> </u>     | 64<br>65 | $\vdash$   |              | -        | ├-           | -            | $\vdash$   | $\vdash$   | <u> </u>   | -        |
| <del></del>  | 66       | -  | <u> </u>     | Ŀ        | ⊢            | -            |  | -  | _  | $\vdash$ |
|              | 67       | H  |              | -        | H            | H            | _  | -  | $\vdash$   | -        |
| <u> </u>     |          | $\vdash$   |              | ├─       | ⊢            | ⊢            | -  |  | _  | _        |
| <u> </u>     | 68<br>69 | ┝  | _            | ├        | -            | ⊢            | $\vdash$   | -  | <u> </u>   | _        |
| -            |          | H  |              | -        | -            | -            | -  |  | -  | ⊢        |
|              | 70       | H  | _            | $\vdash$ | ├            | ├            | $\vdash$   |  | -  | ⊢        |
|              | 71<br>72 | H  | -            | $\vdash$ | ├-           | ├            | H  | _  | -  | H        |
|              | 73       | H  | _            | ⊢        | ├-           |              |  | _  | ├  | _        |
|              | 73       | H  |              | ⊢        | -            | <del> </del> | $\vdash$   | _  | <del> </del>                                     | -        |
|              | 74<br>75 | $\vdash$   | $\vdash$     | ⊢        |              | ⊢            | $\vdash$   | -  |  | $\vdash$ |
|              |          | $\vdash$   | ⊢            | ├        | ├            | ┢            | ├  | ┝  | ┝  | ┝        |
| <del>-</del> | 76<br>77 | $\vdash$   | ├─           | ⊢        | ⊢            | -            | ⊢  | ┝  | $\vdash$   | -        |
| H            | 78       | ├  | ⊢            | $\vdash$ | ├            | H            | ┝  | -  | -  | ┝        |
| <u> </u>     | 79       | ┢  | -            | ╁        | ╁            | ╁            | -  |  | ├─   | ⊢        |
|              | 80       | ⊢  | $\vdash$     | ┢        | ╁            | ├╌           | ├─   | $\vdash$   | ⊢  | ⊢        |
|              | 81       | ₩  | $\vdash$     | ┢        | ├            | ╁            | ├  | -  | ├  | -        |
| $\vdash$     | 82       | ₩  | $\vdash$     | $\vdash$ | -            | $\vdash$     | $\vdash$   | $\vdash$   | ⊢  | -        |
| -            | 83       | ╁  | $\vdash$     | +-       | -            | 1            | $\vdash$   | ╁╌   | -  | $\vdash$ |
| <u> </u>     | 84       | +  | $\vdash$     | +-       | $\vdash$     | $\vdash$     | $\vdash$   | ┢  | -  | $\vdash$ |
| -            | 85       | ╁  | $\vdash$     | $\vdash$ | -            | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | ┢        |
| -            | 86       | $\vdash$   | ┝            | ╁        | $\vdash$     | ┢            | -  | -  | ┢  | $\vdash$ |
| <b>-</b>     | 87       | $\vdash$   | $\vdash$     | ╁        | ╁╌           | +-           | +  | $\vdash$   | $\vdash$   | Н        |
| -            | 88       | -  | $\vdash$     | +-       | $t^-$        | t            | <u> </u>   | $\vdash$   | $\vdash$   | 1        |
|              | 89       | $\vdash$   | -            | +        | $\vdash$     |              | $\vdash$   | $\vdash$   | $\vdash$   | ╁        |
| $\vdash$     | 90       | t  | H            | -        | +-           | T            |  | Н  |  | Т        |
|              | 91       | t  | -            | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$   | <del>  .</del>                                   | H        |
| <b></b>      | 92       | $\vdash$   | ┪            | t        | t            | $\vdash$     | $\vdash$   |  | <del>                                     </del> | t        |
|              | 93       | <u> </u>   |              | t        | $t^{-}$      | T            | <del>                                     </del> | $\vdash$   | $t^{-}$  | t        |
| -            | 94       | $\vdash$   | <del> </del> | $t^-$    | T            | T            | $\vdash$   | $\vdash$   | H  | H        |
|              | 95       | 1  | Т            | t        | T            | <del>†</del> | T  |  | H  | 1        |
| -            | 96       | t  |              | $t^-$    | +-           | t            | $t^-$  | <del>                                     </del> | <u> </u>   | t        |
| -            | 97       | <del>                                     </del> | 1            | 1        | T            | $t^-$        | T  | $\vdash$   | T  | T        |
|              | 98       | t  | t            | 1        | T            | 1            | T  | <u> </u>   | ✝  | ┢        |
|              | 99       | t  | $\vdash$     | $t^-$    | †            | †            | <del>                                     </del> | <del>                                     </del> | $\vdash$   | ✝        |
| $\vdash$     | 100      | t  | $\vdash$     | †        | T            | _            | 1  | Т  | 1  | ✝        |

| Cli            | aim   | Date       |          |          |          |          |              |          |  |                |
|----------------|---|------------|----------|----------|----------|----------|--------------|----------|--|----------------|
|                |   |            |          |          |          |          |              |          |  | $\dashv$       |
| Final          | Original                                      |            |          |          |          |          |              |          |  |                |
|                | 101<br>102<br>103<br>104                      |            |          |          |          |          |              |          |  |                |
|                | 102   |            |          |          |          |          |              |          |  |                |
|                | 103   | $\Box$     |          | Ш        |          |          |              |          |  |                |
|                | 104   |            |          | $\Box$   |          |          |              |          |  | $\dashv$       |
|                | 105   | Ш          | L        |          |          |          |              |          |  | $\dashv$       |
|                | 105<br>106<br>107                             | Н          |          | Н        |          | $\vdash$ |              |          | Н  | $\vdash$       |
|                | 107   |            |          |          |          |          |              |          |  | $\dashv$       |
|                | 108<br>109                                    | $\vdash$   |          | $\vdash$ |          | _        |              |          |  | Н              |
|                | 110   |            | H        |          |          |          | $\vdash$     | _        |  | $\dashv$       |
| -              | 111   |            | _        | _        |          |          |              |          |  | $\dashv$       |
|                | 112   |            |          |          |          |          |              |          |  |                |
|                | 113   |            |          |          |          |          |              |          |  |                |
|                | 110<br>111<br>112<br>113<br>114<br>115        |            |          |          |          |          |              |          |  |                |
|                | 115   |            |          | $\Box$   |          | $\Box$   | $\Box$       |          | $\Box$   |                |
|                | 116<br>117                                    | Ц.         | L        | Щ        | _        | <u> </u> | L_           | L        | Щ  | Щ              |
|                | 117   |            |          | L        |          |          | L.           | _        | _  | Щ              |
|                | 118<br>119                                    | H          |          | H        |          | ļ        | _            | _        |  | Щ              |
|                | 119   | ⊢          | $\vdash$ | <u> </u> | _        | <u> </u> | $\vdash$     | ├—       | H  | $\dashv$       |
|                | 120<br>121<br>122<br>123                      | -          |          |          |          | -        | ├            | ├        | ├—   | $\vdash$       |
|                | 122   | -          | ⊢        | _        | _        | ├        |              |          | ├─   | $\vdash\vdash$ |
|                | 123   | ╁          | ┢        |          | $\vdash$ | $\vdash$ | ├            | -        | -  | Н              |
|                | 124   | 一          | -        | $\vdash$ | H        | ┢        | <del> </del> |          | ╁  | H              |
|                | 125   | 一          |          | Г        |          | -        |              |          |  | Н              |
|                | 126   |            | Г        | 1        | $\vdash$ |          |              |          |  | П              |
|                | 127   |            |          |          |          |          |              |          |  |                |
|                | 128   |            |          |          |          |          |              |          |  |                |
|                | 124<br>125<br>126<br>127<br>128<br>129<br>130 |            |          | L        |          |          |              |          | <u> </u>   | Ш              |
|                | 130   | ┖          | _        | _        | _        |          |              |          |  | Ш              |
|                | 131   | ↓_         | L        |          | <u> </u> | ╙        | _            | <u> </u> | ╙  | Ш              |
|                | 132<br>133<br>134                             | ├          | <u> </u> | <u> </u> | <u> </u> | ⊢        |              | ┡        |  | Н              |
|                | 133   | -          | ├        | <u> </u> | H        | ┝        |              | H        |  | Н              |
|                | 134   | ├          | ╁        | ├─       | ┝        | $\vdash$ | ⊢            | ├        | <del>                                     </del> | Н              |
|                | 135<br>136                                    | $\vdash$   | $\vdash$ |          | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$   | Н              |
| <del> </del>   | 137   | $\vdash$   | 1        | $\vdash$ | $\vdash$ | H        | $\vdash$     | 1        | $\vdash$   | H              |
| <u> </u>       | 138   | T          | $\vdash$ | T        |          | T        | $\vdash$     | $\vdash$ | ╁  | П              |
|                | 139   | 1          |          |          |          |          |              |          |  |                |
|                | 140   |            |          |          |          |          |              |          |  |                |
|                | 141   |            |          |          |          |          |              |          |  |                |
|                | 142   | oxdot      | L        |          | L        |          | <u> </u>     | L        |  | Щ              |
| <u> </u>       | 143   | <u> </u>   | _        | $\vdash$ | _        | $\vdash$ | _            | L        | $\vdash$   | Ш              |
| <u> </u>       | 144   | <u> </u>   |          | ▙        | _        | ⊢        | ├-           | <u> </u> | ـ  | <u> </u>       |
|                | 145   | <b>↓</b> _ | ⊢        | <u> </u> | $\vdash$ | 1        | ├            | $\vdash$ | ├-   | $\vdash$       |
| <u> </u>       | 146   | ₩          | ⊢        | $\vdash$ | <u> </u> | ⊢        | ┢            | ├-       | ┢  | -              |
| <del>  -</del> | 147   | ╀          | ⊢        | $\vdash$ | ⊢        | ╀        | ╀            | $\vdash$ | -  | -              |
|                | 148   | $\vdash$   | $\vdash$ | +-       | $\vdash$ | ╁        | ├            | -        | ╁  | ⊢              |
|                | 149<br>150                                    | $\vdash$   | $\vdash$ | +-       | -        | ╁        | -            | +        | $\vdash$   | $\vdash$       |
| <u> </u>       | 1100  | <u> </u>   | <u> </u> | Щ.       | <u> </u> |          | <u> </u>     | 1        | _  | Щ              |